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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By

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Attorney Docket No. 402E-476112US

Client Ref. No. P1077P1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

4/B

In re application of:

Ballinger, Marcus D. et al.

Examiner: Brannock, M.

Application No.: 10/082,747

Art Unit: 1646

Filed: February 22, 2002

STATEMENT ACCOMPANYING
SEQUENCE LISTING

For: **HEREGULIN VARIANTS**

U.S. Patent and Trademark Office
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Sir:

The undersigned hereby states that the Sequence Listing information recorded on the diskette submitted concurrently herewith is identical to the written Sequence Listing.

The accompanying sequence listing contains additional sequences not present in the originally filed sequence listing. The new sequences are SEQ ID NOS:93-116. Support for these sequences is found in the specification as follows. SEQ ID NO:93 is the amino acid sequence of 645-amino acid human heregulin- β 1. This sequence was incorporated into the originally filed specification by reference to U.S. Patent No. 5,367,060 at page 4, lines 21-26. The heregulin- β 1 sequence is identical to that disclosed as SE ID NO:27 in the 5,367,060 patent.


SEQ ID NOS:94-116 are representative sequences containing the sets of amino acid substitutions recited in originally filed claims 10 and 11. In the interest of minimizing the size of the sequence listing, the sets of substitutions are shown in sequences representing the

heregulin EGF-like domain (*i.e.*, residues 175-230 of native human heregulin- β 1), rather than in a full-length heregulin sequence. The listed sequences thus comprise the recited sets of amino acid substitutions in the context of the native human heregulin- β 1 EGF-like domain.

Accordingly, the accompanying sequence listing adds no new matter.

Respectfully submitted,

June 4, 2002
Date


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